

# Freeform Search

Database:

US Pre-Grant Publication Full-Text Database  
 US Patents Full-Text Database  
 US OCR Full-Text Database  
 EPO Abstracts Database  
 JPO Abstracts Database  
 Derwent World Patents Index  
 IBM Technical Disclosure Bulletins

Term:

l1 and voltage application

Display: 10 Documents in Display Format: CIT Starting with Number 1

Generate: ☐ Hit List ☒ Hit Count ☐ Side by Side ☐ Image

Search

Clear

Interrupt

## Search History

DATE: Friday, January 23, 2004 [Printable Copy](#) [Create Case](#)

### Set Name Query

side by side

DB=USPT; PLUR=YES; OP=ADJ

### Hit Count Set Name

result set

<u>L9</u>	l1 and voltage application	1	<u>L9</u>
<u>L8</u>	l6 and voltage and clean and support	1	<u>L8</u>
<u>L7</u>	L6 and baking and voltage	0	<u>L7</u>
<u>L6</u>	55/525.ccls.	287	<u>L6</u>
<u>L5</u>	L4 and application same voltage and cleaning	3	<u>L5</u>
<u>L4</u>	55/525.ccls.	287	<u>L4</u>
<u>L3</u>	55/224.ccls.	0	<u>L3</u>
<u>L2</u>	L1 and composite and baking	3	<u>L2</u>
<u>L1</u>	ceramic filter and cleaning and voltage	67	<u>L1</u>

END OF SEARCH HISTORY

## Hit List

Clear	Generate Collection	Print	Fwd Refs	Bkwd Refs
Generate OACS				

Search Results - Record(s) 1 through 1 of 1 returned.

☐ 1. Document ID: US 5263317 A

L9: Entry 1 of 1

File: USPT

Nov 23, 1993

US-PAT-NO: 5263317

DOCUMENT-IDENTIFIER: US 5263317 A

TITLE: Exhaust gas purifying apparatus for automobile diesel engine

DATE-ISSUED: November 23, 1993

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Watanabe; Shigeo	Gifu			JP
Kinoshita; Katsuharu	Kagamihara			JP
Hayashi; Niichi	Hashima			JP
Matsunaga; Hisashi	Nagoya			JP

US-CL-CURRENT: 60/275; 55/DIG.30, 96/22, 96/32, 96/51

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMC	Drawings
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Clear	Generate Collection	Print	Fwd Refs	Bkwd Refs	Generate OACS
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Terms	Documents
L1 and voltage application	1

Display Format:

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## Hit List

Clear	Generate Collection	Print	Fwd Refs	Bkwd Refs
Generate OACS				

### Search Results - Record(s) 1 through 3 of 3 returned.

☐ 1. Document ID: US 6063150 A

L5: Entry 1 of 3

File: USPT

May 16, 2000

US-PAT-NO: 6063150

DOCUMENT-IDENTIFIER: US 6063150 A

TITLE: Self-cleaning and self-sealing particle filter

DATE-ISSUED: May 16, 2000

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Peter; Klaus J.	Natick	MA		
Ibrahim; Osama M.	Kingston	RI		

US-CL-CURRENT: 55/282.3; 55/489, 55/523, 55/525, 55/527, 55/DIG.10, 55/DIG.30,  
60/311

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWIC	Draw De
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☐ 2. Document ID: US 5853437 A

L5: Entry 2 of 3

File: USPT

Dec 29, 1998

US-PAT-NO: 5853437

DOCUMENT-IDENTIFIER: US 5853437 A

TITLE: Self-cleaning and self-sealing particle filter

DATE-ISSUED: December 29, 1998

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Peter; Klaus J.	Natick	MA	01760-5526	
Ibrahim; Osama M.	Kingston	RI	02881	

US-CL-CURRENT: 55/282.3; 55/282.5, 55/489, 55/523, 55/525, 55/527, 55/DIG.30,  
60/311

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWIC	Draw De
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☐ 3. Document ID: US 3581462 A

L5: Entry 3 of 3

File: USPT

Jun 1, 1971

US-PAT-NO: 3581462

DOCUMENT-IDENTIFIER: US 3581462 A

TITLE: METHOD AND APPARATUS FOR INDUCTIVELY CHARGING A FILTER OF COMBINED METAL AND  
DIELECTRIC MATERIAL FOR COLLECTING NORMALLY CHARGED AIR BORNE PARTICLES

DATE-ISSUED: June 1, 1971

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Stump; William W.	Bridgeville	PA	15017	

US-CL-CURRENT: 95/81; 323/242, 55/524, 55/525, 95/63, 96/66, 96/82, 96/99

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	RMIC	Draw De
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Clear	Generate Collection	Print	Fwd Refs	Bkwd Refs	Generate OACS
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Terms	Documents
L4 and application same voltage and cleaning	3

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